

1449  
(Rev. 2-32)U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No. 65112/9484 01

Serial No. 08/878,433

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTApplicant **Andrew L. Flaherty et al.**

(Use several sheets if necessary)

Filing Date **June 18, 1997**Group *Tech. Center*

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
WHA	5,605,339	2/25/97	Pecht et al.	277	<del>96.1</del>	8/14/95
WHA	5,529,315	6/25/96	Borrino et al.	277	<del>65</del>	2/14/94
WHA	5,496,047	3/5/96	Goldswain et al.	277	<del>96.1</del>	6/14/93
WHA	5,492,341	2/20/96	Pecht et al.	277	<del>96.1</del>	6/28/93
WHA	5,490,679	2/13/96	Borrino et al.	277	<del>65</del>	12/20/93
WHA	5,454,572	10/3/95	Pospisil	277	<del>65</del>	9/6/94
WHA	5,441,283	8/15/95	Pecht et al.	277	<del>96.1</del>	8/3/93
WHA	5,399,024	3/21/95	Shapiro	384	<del>124</del>	1/12/94
WHA	5,385,409	1/31/95	Ide	384	<del>124</del>	8/9/93
WHA	5,375,855	12/27/94	Goldswain et al.	277	<del>96.1</del>	6/24/93
WHA	5,375,853	12/27/94	Wasser et al.	277	<del>59</del>	9/18/92
WHA	5,281,032	1/25/94	Slocum	384	<del>118</del>	2/4/92
WHA	5,253,876	10/19/93	Gardner et al.	277	<del>15</del>	8/6/92
WHA	5,249,812	10/5/93	Volden et al.	277	<del>15</del>	3/12/90
WHA	5,224,714	6/6/93	Kimura et al.	277	<del>96.1</del>	7/16/91
WHA	5,222,743	6/29/93	Goldswain et al.	277	<del>96.1</del>	1/31/92
WHA	5,217,233	6/8/93	Pecht et al.	277	<del>65</del>	10/30/89
WHA	5,215,385	6/1/93	Ide	384	<del>100</del>	5/15/92
WHA	5,201,531	4/13/93	Lai	277	<del>96.1</del>	4/2/92
WHA	5,199,172	4/6/93	Runowski	29	<del>898.11</del>	4/2/92
WHA	5,174,584	12/29/92	Lahrman	277	<del>74</del>	7/15/91

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<i>WHA</i>	5,172,918	12/22/92	Pecht et al.	<del>277</del>	<del>96.1</del>	4/28/92
<i>WHA</i>	5,169,159	12/8/92	Pope et al.	<del>277</del>	<del>27</del>	9/30/91
<i>WHA</i>	5,143,384	9/1/92	Lipschitz	<del>277</del>	<del>96.1</del>	4/14/89
<i>WHA</i>	5,090,712	2/25/92	Pecht et al.	<del>277</del>	<del>96.1</del>	7/17/90
<i>WHA</i>	5,071,141	12/10/91	Lai et al.	<del>277</del>	<del>65</del>	7/17/90
<i>WHA</i>	5,054,938	10/8/91	Ide	<del>384</del>	<del>117</del>	4/30/90
<i>WHA</i>	5,039,113	8/13/91	Gardner	<del>277</del>	<del>81 R</del>	1/17/90
<i>WHA</i>	4,889,348	12/26/89	Amundson et al.	<del>277</del>	<del>1</del>	6/10/87
<i>WHA</i>	4,887,395	12/19/89	Lebeck et al.	<del>51</del>	<del>101 R</del>	9/2/88
<i>WHA</i>	4,884,945	12/5/89	Boutin et al.	<del>415</del>	<del>174.2</del>	7/21/88
<i>WHA</i>	4,836,561	6/6/89	Lebeck et al.	<del>277</del>	<del>93 SD</del>	2/17/87
<i>WHA</i>	4,768,790	9/6/88	Netzel et al.	<del>277</del>	<del>81 R</del>	5/22/87
<i>WHA</i>	4,290,611	9/22/81	Sedy	<del>277</del>	<del>27</del>	3/31/80
	<del>4,212,475</del>	<del>7/15/80</del>	<del>Sedy</del>	<del>277</del>	<del>96.1</del>	<del>4/15/79</del>
<i>WHA</i>	3,804,424	4/16/74	Gardner	<del>277</del>	<del>27</del>	4/24/72
<i>WHA</i>	3,499,653	3/10/70	Gardner	<del>277</del>	<del>27</del>	6/5/68
<i>WHA</i>	RE 34,319	7/20/93	Boutin et al.	<del>415</del>	<del>174.2</del>	11/25/91

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**Flaherty, et al.**Filing Date  
**June 18, 1997**Group  
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## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>WLT</i>			pp. 145 - 151 of <b>Spiral Groove Bearings</b> , by E. A. Muijderman, N.V Phillips' Gloeilampenfabrieken, Eindhoven, The Netherlands, 1966

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